# Stephanie M Gogarten

List of Publications by Year
in descending order



| 64 | 9,090 | 101543<br>36 | 114465<br>63 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 75 | 75 | 75 | 19049 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A high-performance computing toolset for relatedness and principal component analysis of SNP data. Bioinformatics, 2012, 28, 3326-3328. | 4.1 | 1,939 |
| 2 | Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. Nature, 2021, 590, 290-299. | 27.8 | 1,069 |
| 3 | Detectable clonal mosaicism from birth to old age and its relationship to cancer. Nature Genetics, 2012, 44, 642-650. | 21.4 | 511 |
| 4 | THE ACS NEARBY GALAXY SURVEY TREASURY. Astrophysical Journal, Supplement Series, 2009, 183, 67-108. | 7.7 | 435 |
| 5 | Inherited causes of clonal haematopoiesis in 97,691 whole genomes. Nature, 2020, 586, 763-768. | 27.8 | 376 |
| 6 | THE ACS NEARBY GALAXY SURVEY TREASURY. VIII. THE GLOBAL STAR FORMATION HISTORIES OF 60 DWARF GALAXIES IN THE LOCAL VOLUME. Astrophysical Journal, 2011, 739, 5. | 4.5 | 295 |
| 7 | <tt>VariantAnnotation</tt> : a <tt>Bioconductor</tt> package for exploration and annotation of genetic variants. Bioinformatics, 2014, 30, 2076-2078. | 4.1 | 293 |
| 8 | Identification of Genetic Susceptibility Loci for Colorectal Tumors in a Genome-Wide Meta-analysis. Gastroenterology, 2013, 144, 799-807.e24. | 1.3 | 292 |
| 9 | THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. Astrophysical Journal, Supplement Series, 2012, 200, 18. | 7.7 | 269 |
| 10 | Genetic Diversity and Association Studies in US Hispanic/Latino Populations: Applications in the Hispanic Community Health Study/Study of Latinos. American Journal of Human Genetics, 2016, 98, 165-184. | 6.2 | 266 |
| 11 | Genetic association testing using the GENESIS R/Bioconductor package. Bioinformatics, 2019, 35, 5346-5348. | 4.1 | 260 |
| 12 | GWASTools: an R/Bioconductor package for quality control and analysis of genome-wide association studies. Bioinformatics, 2012, 28, 3329-3331. | 4.1 | 177 |
| 13 | Common variants near CAV1 and CAV2 are associated with primary open-angle glaucoma in Caucasians from the USA. Human Molecular Genetics, 2011, 20, 4707-4713. | 2.9 | 156 |
| 14 | Assessing the contribution of rare variants to complex trait heritability from whole-genome sequence data. Nature Genetics, 2022, 54, 263-273. | 21.4 | 156 |
| 15 | Dynamic incorporation of multiple in silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. Nature Genetics, 2020, 52, 969-983. | 21.4 | 146 |
| 16 | Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation. JAMA - Journal of the American Medical Association, 2018, 320, 2354. | 7.4 | 144 |
| 17 | Interplay of Genetic Risk Factors (CHRNA5-CHRNA3-CHRNB4) and Cessation Treatments in Smoking Cessation Success. American Journal of Psychiatry, 2012, 169, 735-742. | 7.2 | 138 |
| 18 | Genome-wide association study of colorectal cancer identifies six new susceptibility loci. Nature Communications, 2015, 6, 7138. | 12.8 | 138 |

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|---|---|---|---|
| 19 | Novel Common Genetic Susceptibility Loci for Colorectal Cancer. Journal of the National Cancer Institute, 2019, 111, 146-157. | 6.3 | 129 |
| 20 | SeqArrayâ€"a storage-efficient high-performance data format for WGS variant calls. Bioinformatics, 2017, 33, 2251-2257. | 4.1 | 127 |
| 21 | Association of clonal hematopoiesis with chronic obstructive pulmonary disease. Blood, 2022, 139, 357-368. | 1.4 | 106 |
| 22 | Efficient Variant Set Mixed Model Association Tests for Continuous and Binary Traits in Large-Scale Whole-Genome Sequencing Studies. American Journal of Human Genetics, 2019, 104, 260-274. | 6.2 | 103 |
| 23 | GENOME-WIDE ASSOCIATION STUDY (GWAS) AND GENOME-WIDE BY ENVIRONMENT INTERACTION STUDY (GWEIS) OF DEPRESSIVE SYMPTOMS IN AFRICAN AMERICAN AND HISPANIC/LATINA WOMEN. Depression and Anxiety, 2016, 33, 265-280. | 4.1 | 99 |
| 24 | Genetic loci associated with heart rate variability and their effects on cardiac disease risk. Nature Communications, 2017, 8, 15805. | 12.8 | 95 |
| 25 | Analysis commons, a team approach to discovery in a big-data environment for genetic epidemiology. Nature Genetics, 2017, 49, 1560-1563. | 21.4 | 93 |
| 26 | THE ADVANCED CAMERA FOR SURVEYS NEARBY GALAXY SURVEY TREASURY. V. RADIAL STAR FORMATION HISTORY OF NGC 300. Astrophysical Journal, 2010, 712, 858-874. | 4.5 | 86 |
| 27 | Genome-wide Association Study of Platelet Count Identifies Ancestry-Specific Loci in Hispanic/Latino Americans. American Journal of Human Genetics, 2016, 98, 229-242. | 6.2 | 71 |
| 28 | Genome-Wide Meta-Analysis of Homocysteine and Methionine Metabolism Identifies Five One Carbon Metabolism Loci and a Novel Association of ALDH1L1 with Ischemic Stroke. PLoS Genetics, 2014, 10, e1004214. | 3.5 | 69 |
| 29 | A high-resolution HLA reference panel capturing global population diversity enables multi-ancestry fine-mapping in HIV host response. Nature Genetics, 2021, 53, 1504-1516. | 21.4 | 69 |
| 30 | A fully adjusted twoâ€stage procedure for rankâ€normalization in genetic association studies. Genetic Epidemiology, 2019, 43, 263-275. | 1.3 | 60 |
| 31 | Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. Nature Communications, 2020, 11, 2542. | 12.8 | 59 |
| 32 | THE ACS NEARBY GALAXY SURVEY TREASURY. I. THE STAR FORMATION HISTORY OF THE M81 OUTER DISK. Astronomical Journal, 2009, 137, 419-430. | 4.7 | 57 |
| 33 | Local Ancestry Inference in a Large US-Based Hispanic/Latino Study: Hispanic Community Health Study/Study of Latinos (HCHS/SOL). G3: Genes, Genomes, Genetics, 2016, 6, 1525-1534. | 1.8 | 51 |
| 34 | THE NGC 300 TRANSIENT: AN ALTERNATIVE METHOD FOR MEASURING PROGENITOR MASSES. Astrophysical Journal, 2009, 703, 300-310. | 4.5 | 50 |
| 35 | HOW TYPICAL ARE THE LOCAL GROUP DWARF GALAXIES?. Astrophysical Journal, 2011, 743, 8. | 4.5 | 49 |
| 36 | THE ACS NEARBY GALAXY SURVEY TREASURY. II. YOUNG STARS AND THEIR RELATION TO HÎ± AND UV EMISSION TIMESCALES IN THE M81 OUTER DISK. Astrophysical Journal, 2009, 691, 115-130. | 4.5 | 45 |

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|---|---|---|---|
| 37 | Genomeâ€wide association study of generalized anxiety symptoms in the Hispanic Community Health Study/Study of Latinos. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2017, 174, 132-143. | 1.7 | 37 |
| 38 | Multi-Omics Analysis Reveals a HIF Network and Hub Gene EPAS1 Associated with Lung Adenocarcinoma. EBioMedicine, 2018, 32, 93-101. | 6.1 | 35 |
| 39 | Shared genetic susceptibility of vascular-related biomarkers with ischemic and recurrent stroke. Neurology, 2016, 86, 351-359. | 1.1 | 33 |
| 40 | THE ADVANCED CAMERA FOR SURVEYS NEARBY GALAXY SURVEY TREASURY. IV. THE STAR FORMATION HISTORY OF NGC 2976. Astrophysical Journal, 2010, 709, 135-148. | 4.5 | 32 |
| 41 | The Ultraviolet, Optical, and Infrared Properties of Sloan Digital Sky Survey Sources Detected byGALEX. Astronomical Journal, 2005, 130, 1022-1036. | 4.7 | 31 |
| 42 | Genome sequencing unveils a regulatory landscape of platelet reactivity. Nature Communications, 2021, 12, 3626. | 12.8 | 29 |
| 43 | Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. Cell Genomics, 2022, 2, 100084. | 6.5 | 29 |
| 44 | SPITZEROBSERVATIONS OF A GRAVITATIONALLY LENSED QUASAR, QSO 2237+0305. Astrophysical Journal, 2009, 697, 1010-1019. | 4.5 | 27 |
| 45 | Genetic Associations with Plasma B12, B6, and Folate Levels in an Ischemic Stroke Population from the Vitamin Intervention for Stroke Prevention (VISP) Trial. Frontiers in Public Health, 2014, 2, 112. | 2.7 | 23 |
| 46 | GWAS of the electrocardiographic QT interval in Hispanics/Latinos generalizes previously identified loci and identifies population-specific signals. Scientific Reports, 2017, 7, 17075. | 3.3 | 23 |
| 47 | Genome-Wide Association Study of Heavy Smoking and Daily/Nondaily Smoking in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). Nicotine and Tobacco Research, 2018, 20, 448-457. | 2.6 | 21 |
| 48 | THE HISTORY OF STAR FORMATION IN GALAXY DISKS IN THE LOCAL VOLUME AS MEASURED BY THE ADVANCED CAMERA FOR SURVEYS NEARBY GALAXY SURVEY TREASURY. Astrophysical Journal Letters, 2011, 734, L22. | 8.3 | 18 |
| 49 | Genome-wide association study of heart rate and its variability in Hispanic/Latino cohorts. Heart Rhythm, 2017, 14, 1675-1684. | 0.7 | 18 |
| 50 | Identification of putative causal loci in whole-genome sequencing data via knockoff statistics. Nature Communications, 2021, 12, 3152. | 12.8 | 17 |
| 51 | Metaâ€Analysis of Genomeâ€Wide Association Studies with Correlated Individuals: Application to the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). Genetic Epidemiology, 2016, 40, 492-501. | 1.3 | 16 |
| 52 | Whole-genome association analyses of sleep-disordered breathing phenotypes in the NHLBI TOPMed program. Genome Medicine, 2021, 13, 136. | 8.2 | 16 |
| 53 | Genome-wide association study of depressive symptoms in the Hispanic Community Health Study/Study of Latinos. Journal of Psychiatric Research, 2018, 99, 167-176. | 3.1 | 15 |
| 54 | Genome-wide association study of PR interval in Hispanics/Latinos identifies novel locus at ID2. Heart, 2018, 104, 904-911. | 2.9 | 12 |

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|---|---|---|---|
| 55 | A genome-wide interaction analysis of tricyclic/tetracyclic antidepressants and RR and QT intervals: a pharmacogenomics study from the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) consortium. Journal of Medical Genetics, 2017, 54, 313-323. | 3.2 | 9 |
| 56 | Genome-wide association study of body fat distribution traits in Hispanics/Latinos from the HCHS/SOL. Human Molecular Genetics, 2021, 30, 2190-2204. | 2.9 | 8 |
| 57 | Genetic variation near <scp>IRS</scp>1 is associated with adiposity and a favorable metabolic profile in <scp>U</scp>.<scp>S.</scp><scp>H</scp>ispanics/<scp>L</scp>atinos. Obesity, 2016, 24, 2407-2413. | 3.0 | 5 |
| 58 | Genome-wide association study and meta-analysis identify loci associated with ventricular and supraventricular ectopy. Scientific Reports, 2018, 8, 5675. | 3.3 | 4 |
| 59 | Identification of novel and rare variants associated with handgrip strength using whole genome sequence data from the NHLBI Trans-Omics in Precision Medicine (TOPMed) Program. PLoS ONE, 2021, 16, e0253611. | 2.5 | 4 |
| 60 | Ancestral diversity improves discovery and fine-mapping of genetic loci for anthropometric traitsâ€”The Hispanic/Latino Anthropometry Consortium. Human Genetics and Genomics Advances, 2022, 3, 100099. | 1.7 | 3 |
| 61 | BinomiRare: A robust test for association of a rare genetic variant with a binary outcome for mixed models and any case-control proportion. Human Genetics and Genomics Advances, 2021, 2, 100040. | 1.7 | 2 |
| 62 | Variant-specific inflation factors for assessing population stratification at the phenotypic variance level. Nature Communications, 2021, 12, 3506. | 12.8 | 1 |
| 63 | Accounting for population structure in genetic studies of cystic fibrosis. Human Genetics and Genomics Advances, 2022, 3, 100117. | 1.7 | 1 |
| 64 | The Size-Luminosity Relation of Disk Galaxies in EDisCS Clusters. Proceedings of the International Astronomical Union, 2006, 2, 201-201. | 0.0 | 0 |